

## INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.

2011142

SERIAL NO.

09/937,740

Peter Robert Raffaele et al.

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April 3, 2000

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JK	1.	1,349,660	08/17/1920	Buhl			11/26/1918
	2.	1,987,661	01/15/1935	Blauvelt et al.	74	602	04/06/1934
	3.	3,258,992	07/05/1966	Hittell	74	603	02/25/1963
	4.	4,013,048	03/22/1977	Reitz	123	56	12/12/1975
	5.	4,124,002	11/07/1978	Crise	123	78 E	12/01/1976
	6.	4,173,151	11/06/1979	Grundy	74	49	06/30/1977
	7.	4,184,817	01/22/1980	Pareja	417	539	12/01/1977
	8.	4,331,108	05/25/1982	Collins	123	50 R	01/14/1980
	9.	4,584,972	04/29/1986	Jayne et al.	123	56 C	12/21/1984
	10.	4,598,672	07/08/1986	Jayne et al.	123	56 BC	02/06/1985
	11.	4,694,785	09/22/1987	Timmerman et al.	123	52 A	01/23/1986

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JK	26.	UK 200,704	07/19/1923	United Kingdom				
	27.	AU 678,677	09/03/1952	Australia				
	28.	DT 2361228	06/16/1975	Germany			✓	
	29.	FR 2438746	05/09/1980	France			✓	
	30.	EP 0187930	07/23/1986	European			✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

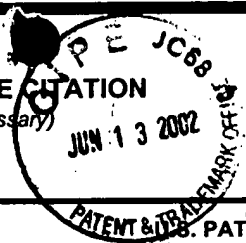
JK	42.	Article: CKE's Radial Engine, based on Kmickiewicz U.S. Patent 4,727,794, printed from internet web page at <a href="http://www.cke.tech.com.RE.htm">http://www.cke.tech.com.RE.htm</a> and DWG SK-076, Kinematics and Dynamics of CKE's Radial Engine compared to conventional mechanisms con Scotch Yoke, based on Kmickiewicz U.S. Patent 4,727,794
JK	43.	Article: The Collins Scotch Yoke Engine as a Compac[t] Alternative - A Theoretical Comparison of Features of Scotch Yoke and Conventional Engine[s], Hans G. Rosenkra[nz] CMC Research Pty. and Harry C. Wats[on] University of Melbourne; publication date of article unknown

EXAMINER	DATE CONSIDERED
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J.V.	12.	4,715,336	12/29/1987	Schindler et al.	123	56 BC	02/26/1986
	13.	4,727,794	03/01/0988	Kmicikiewicz	91	491	01/21/1987
	14.	4,738,230	04/19/1988	Johnson	123	56 BC	03/13/1986
	15.	4,751,871	06/21/1988	Burghardt et al.	92	212	03/19/1986
	16.	4,776,310	10/11/1988	Gray	123	197 AC	04/20/1987
	17.	4,791,898	12/20/1988	Jayne	123	197 AC	12/02/1986
	18.	4,825,820	05/02/1989	Morgan	123	56 BC	11/09/1987
	19.	5,327,863	07/12/1994	Downton et al.	123	197.4	02/21/1991
	20.	5,402,755	04/04/1995	Waissi	123	55.3	08/16/1993
	21.	5,431,130	07/11/1995	Brackett	123	70 R	11/08/1993
	22.	5,503,037	04/02/1996	Aquino et al.	74	49	04/01/1994

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
J.V.	31.	SU 1281700	01/07/1987	Soviet Union			✓	
	32.	EP 0241243	10/14/0987	European				
	33.	DE 3624753	01/15/1987	Germany			✓	
	34.	WO 90/06426	06/14/1990	International			✓	
	35.	DE 4408646	09/22/1994	Germany			✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

J.V.	44.	Some Unusual Engine, pp. 124-127, by L. J. K. Setright, published in 1975 by Mechanical Engineering Publications Limited (ISBN 0852982089)

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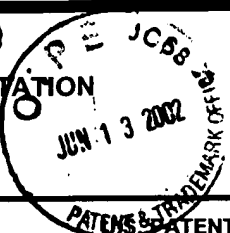
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EV	23.	5,755,192	05/26/0998	Brevick	123	78 B	01/16/1997
EV	24.	5,791,302	08/11/0998	Ma	123	48 B	03/06/1995
EV	25.	5,873,339	02/23/1999	Isogai	123	197.4	06/09/1997

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							YES	NO
EV	36.	DE 19500854	01/21/1994	Germany	—	—	✓	
	37.	WO 97/36096	10/02/1997	International	—	—		
	38.	DE 19725227	01/02/1998	Germany	—	—	✓	
	39	JP 10054255	02/24/1998	Japan	—	—	✓	
	40	JP 10331940	12/15/1998	Japan	—	—	✓	

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